

OPINION 2340 (Case 3592)***Dodecatoma* Westwood, 1849 (Insecta, Coleoptera): name conserved by suppression of *Dodecatoma* Dufour, 1841 (Insecta, Plecoptera)**

Abstract. The genus-group name *Dodecatoma* Westwood, 1849 has been conserved for a group of beetles (family PHENGODIDAE or RHAGOPHTHALMIDAE) by suppressing the unused senior homonym *Dodecatoma* Dufour, 1841, which was proposed for a group of stoneflies (family PERLIDAE).

Keywords. Nomenclature; taxonomy; Insecta; Coleoptera; DRILIDAE; PHENGODIDAE; RHAGOPHTHALMIDAE; *Dodecatoma*; *Dodecatoma bicolor*; beetles; stoneflies; Plecoptera; PERLIDAE; India; Nepal; Afghanistan; Pakistan; France.

Ruling

- (1) Under the plenary power the Commission has suppressed the name *Dodecatoma* Dufour, 1841 for the purposes of both the Principle of Priority and the Principle of Homonymy.
- (2) The name *Dodecatoma* Westwood, 1849 (gender: feminine), type species by monotypy *Dodecatoma bicolor* Westwood, 1849 (Insecta, Coleoptera) is hereby placed on the Official List of Generic Names in Zoology.
- (3) The name *bicolor* Westwood, 1849 as published in the binomen *Dodecatoma bicolor* (specific name of the type species of *Dodecatoma* Westwood, 1849) (Insecta, Coleoptera) is hereby placed on the Official List of Specific Names in Zoology.
- (4) The name *Dodecatoma* Dufour, 1841 (Insecta, Plecoptera) is hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology, as suppressed in (1) above.

History of Case 3592

An application to conserve the usage of the genus-group name *Dodecatoma* Westwood, 1849 for a group of beetles (family PHENGODIDAE or RHAGOPHTHALMIDAE) was received from Paul J. Johnson (*Insect Biodiversity Laboratory, South Dakota State University, Brookings, SD, U.S.A.*), R. Edward DeWalt (*Illinois Natural History Survey, Champaign, IL, U.S.A.*) & Neal L. Evenhuis (*J. Linsley Gressitt Center for Research in Entomology, Bishop Museum, Honolulu, Hawaii, U.S.A.*) on 23 April 2012. After correspondence the case was published in BZN **69**: 178–181 (September 2012). The title, abstract and keywords of the case were published on the Commission's website. No comments were received on this Case.

Decision of the Commission

On 1 December 2013 the members of the Commission were invited to vote on the proposals published in BZN **69**: 179–180. At the close of the voting period on 1 March 2014 the votes were as follows:

Affirmative votes – 18: Alonso-Zarazaga, Ballerio, Bogutskaya, Brothers, Fautin, Halliday, Harvey, Kojima, Kottelat, Krell, Lamas, Minelli, Patterson, van Tol, Winston, Yanega, Zhang and Zhou.

Negative votes – 7: Bouchet, Grygier, Kullander, Lim, Pape, Rosenberg and Štys. Ng and Pyle were on leave of absence.

Voting FOR, Brothers commented that although the beetle name had not been used very often, the stonefly name had not been used as valid for over a century and had thus effectively been forgotten. To refuse the request would have forced the (beetle) name currently in use to be replaced with a new name, causing confusion, with the only purpose being to retain the availability of a name which was a junior synonym and has been forgotten, and thus had no useful function anyway. Voting AGAINST, Grygier said that there were too few uses of the beetle name to automatically make it a nomen protectum, and it contained only five species of no demonstrably wider importance in zoology, medicine, conservation, etc., so the Principle of Priority should be followed. Similarly, Bouchet, voting AGAINST, said that he felt there were far too few usages of *Dodecatoma* Westwood, 1849 to justify conserving the name. Also voting AGAINST, Pape explained that he had voted against because no arguments were presented why strict Code-compliance would create instability or confusion except for the replacement name, and because the coleopteran genus-group taxon was in need of phylogenetic study.

Original references

The following are the original references to the names placed on Official Lists and Indexes by the ruling given in the present Opinion:

Dodecatoma Dufour, 1841, *Mémoires Présentés par Divers Savants a' l'Académie Royale des Sciences de l'Institut de France (Sciences Mathématiques et Physiques)*, (2)7: 610.

Dodecatoma Westwood, 1849, in Guérin-Méneville, F.E., *Species et iconographie générique des animaux articulés ou représentation des genres, avec leur description et celle de toutes les espèces de cette grande division du règne animal; Ouvrage formant une série de Monographies complètes*. Première partie: Insectes coléoptères. Livraison 6. Bureau de la Revue Zoologique et Magasin de Zoologie, Paris, Number 16, unnumbered page.

bicolor, *Dodecatoma*, Westwood, 1849, in Guérin-Méneville, F.E., *Species et iconographie générique des animaux articulés ou représentation des genres, avec leur description et celle de toutes les espèces de cette grande division du règne animal; Ouvrage formant une série de Monographies complètes*. Première partie: Insectes coléoptères. Livraison 6. Bureau de la Revue Zoologique et Magasin de Zoologie, Paris, Number 16, unnumbered page.